

FORM PTO-1390 (Modified)  
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

B-Q9081

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)

09/555137

INTERNATIONAL APPLICATION NO.

PCT/JP99/05277

INTERNATIONAL FILING DATE

28 September 1999 (28.09.99)

PRIORITY DATE CLAIMED

28 September 1998 (28.09.98)

TITLE OF INVENTION

INFORMATION RECORDING DEVICE AND METHOD THEREOF, MEASURING DEVICE AND METHOD THEREOF, INFORMATION PROCESSING DEVICE AND METHOD THEREOF, INFORMATION PROCESSING-SYSTEM, AND INFORMATION PROVIDING MEDIUM

APPLICANT(S) FOR DO/EO/US

YOSHIGAHARA, Takayuki; KOBAYASHI, Seiji; and SEGAWA, Hiroyuki

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (unsigned)
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

## Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98w/Form 1449 & cited prior art refs.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

- a.) PCT Forms 301, 304 and 308;
- b.) International Application as published under WO00/19370 on April 6, 2000;
- c.) Front page of certified copy of Japanese priority document No. P10-272733 filed 9/28/98;
- d.) Forms PCT/RO/105; PCT/RO/106; PCT/ISA/101;
- e.) Form PCT/ISA/220; and
- f.) Form PCT/ISA/210.

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U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <b>09/555137</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP99/05277</b>		ATTORNEY'S DOCKET NUMBER <b>TNAB-Q9081</b>	
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21. The following fees are submitted:				<b>CALCULATIONS PTO USE ONLY</b>	
<b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$970.00</b> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$840.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$690.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$670.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$96.00</b>					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>					
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<b>\$840.00</b>	
				<b>\$0.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	96 - 20 =	76	x \$18.00	<b>\$1,368.00</b>	
Independent claims	10 - 3 =	7	x \$78.00	<b>\$546.00</b>	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				<b>\$0.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2,754.00</b>	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/>				<b>\$0.00</b>	
<b>SUBTOTAL =</b>				<b>\$2,754.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$2,754.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>				<b>\$0.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2,754.00</b>	
				<b>Amount to be: refunded</b>	<b>\$</b>
				<b>charged</b>	<b>\$</b>


  

☒ A check in the amount of **\$2,754.00** to cover the above fees is enclosed.  
  
☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.  
  
☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **12-1420** A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Charles P. Sammut, Esq.  
 Limbach & Limbach L.L.P.  
 2001 Ferry Building  
 San Francisco, CA 94111-4262  
 (415) 433-4150

  
 SIGNATURE  
  
 Mayumi Maeda  
 NAME  
  
 40,075  
 REGISTRATION NUMBER  
  
 May 24, 2000  
 DATE

PATENT

PATENT COOPERATION TREATY

UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

In re Nat'l Phase Application of: )  
TAKAYUKI YOSHIGAHARA ET AL. )  
Based Upon International ) CERTIFICATION  
Application No. PCT/JP99/05277 ) UNDER  
Int'l Filing Date: 28 Sept. 1999 ) 37 CFR §1.10  
Serial No. Not Assigned )  
Filed: Herewith )  
For: INFORMATION RECORDING DEVICE )  
AND METHOD THEREOF, MEASURING )  
DEVICE AND METHOD THEREOF, )  
INFORMATION PROCESSING DEVICE )  
AND METHOD THEREOF, )  
INFORMATION PROCESSING SYSTEM, )  
AND INFORMATION PROVIDING )  
MEDIUM )

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Dear Sir:

I hereby certify that this Application for entering the national phase of the above-identified International Application and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date, **May 24, 2000**, in an envelope bearing "Express Mail Post Office to Addressee" Mailing Label Number **EL387308201US** addressed to: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231, Attention U.S. Designated/Elected Office (DO/EO/US).

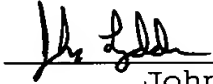
Enclosed are:

1. Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371, in duplicate;

2. English translation of International Application No. PCT/JP99/05277 as filed September 28, 1999, including Specification, Claims, Abstract and Drawings;
3. Combined Declaration/Power of Attorney/Claim of Priority (unsigned);
4. Fifteen (15) Sheets of Formal Drawings comprising Figures 1-14, including page with Explanation of Reference Numerals;
5. Copy of Japanese/English PCT Request as filed on September 28, 1999;
6. Copies of Forms PCT/IB/301, 304, and 308;
7. Copy of PCT Publication No. WO00/19370 published April 6, 2000 (in Japanese) with attached International Search Report in English and Japanese;
8. Form PCT RO 105 - Notification of International Application Number and Filing Date (in Japanese);
9. Form PCT RO 106 - Invitation to Correct Defects in the International Application;
10. Form PCT/ISA/202 - Notification of Receipt of Search Copy (in Japanese);
11. Form PCT/ISA/210 - Copy of International Search Report in Japanese;
12. Form PCT/ISA/220 - Notification of Transmittal of the International Search Report or the Declaration (in Japanese);
13. Copy of front page of Japanese priority document No. P10-272733 filed September 28, 1998;
14. Copy of Submission of Appointment of Agents in the International Application;

15. Information Disclosure Statement with Form 1449, Copy of International Search Report (in English) and Cited Prior Art references;
16. Check in the amount of \$2,754.00;
17. Acknowledgement Postcard.

Dated: May 24, 2000

  
\_\_\_\_\_  
John Lyddan

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San Francisco, California 94111  
Telephone: (415) 433-4150

Attorney Docket No. TNAB-Q9081